

1. A scanner for reading bar codes comprising:  
a plurality of sensors; and  
a corresponding plurality of light sources;  
said sensors and light sources arranged such that each one of said plurality of sensors senses reflected light primarily from a corresponding light source, wherein all of said sensors are operative to read the same bar code elements in succession.

4. The scanner of claim 2 wherein said sensors are spaced about 2 mm from each other.

14. The scanner of claim 13 wherein said predetermined cycling rate is about 100 kHz.

17. The scanner of claim 16 wherein said predetermined sampling rate is about 100 kHz.

20. The scanner of claim 18 further comprising: circuitry for modulating said light sources at a high frequency to produce a signal comprising a bar code baseband signal modulated by said high frequency.